

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/466,343CDATE: 01/07/97
TIME: 17:19:12

INPUT SET: S14836.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

1
2
3 (1) General Information:
4 (i) APPLICANT: LI, Yi
5 (ii) TITLE OF INVENTION: Human G-Protein Chemokine
6 Receptor HDGMR10
7 (iii) NUMBER OF SEQUENCES: 9
8 (iv) CORRESPONDENCE ADDRESS:
9 (A) ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
10 Cecchi, Stewart & Olstein
11 (B) STREET: 6 Becker Farm Road
12 (C) CITY: Roseland
13 (D) STATE: NJ
14 (E) COUNTRY: USA
15 (F) ZIP: 07068-1739
16
17 (v) COMPUTER READABLE FORM:
18 (A) MEDIUM TYPE: Floppy disk
19 (B) COMPUTER: IBM PC compatible
20 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
21 (D) SOFTWARE: WordPerfect 5.1, Dos Text File
22
23 (vi) CURRENT APPLICATION DATA:
24 (A) APPLICATION NUMBER: 08/466,343
25 (B) FILING DATE: 6 JUN 1996
26 (C) CLASSIFICATION:
27
28 (viii) ATTORNEY/AGENT INFORMATION:
29 (A) NAME: MULLINS, J.G.
30 (B) REGISTRATION NUMBER: 33,073
31 (C) REFERENCE/DOCKET NUMBER: 325800-449
32
33 (ix) TELECOMMUNICATION INFORMATION:
34 (A) TELEPHONE: 201-994-1700
35 (B) TELEFAX: 201-994-1744
36
37
38
39 (2) INFORMATION FOR SEQ ID NO:1:
40 (i) SEQUENCE CHARACTERISTICS:
41 (A) LENGTH: 1414 BASE PAIRS
42 (B) TYPE: NUCLEIC ACID
43 (C) STRANDEDNESS: SINGLE
44 (D) TOPOLOGY: LINEAR
45
46 (ii) MOLECULE TYPE: cDNA

RAW SEQUENCE LISTING PATENT APPLICATION US/08/466,343C

DATE: 01/07/97
TIME: 17:19:14

INPUT SET: SI4836.raw

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47
48      (xi) SEQUENCE DESCRIPTION:  SEQ ID NO:1:
49
50  GTGAGATGGT GCTTTCATGA ATTCCCCCAA CAAGAGCCAA GCTCTCCATC TAGTGGACAG      60
51
52  GGAAGCTAGC AGCAAACCTT CCCTTCACTA CGAAACTTCA TTGCTTGGCC CAAAAGAGAG      120
53
54  TTAATTCAAT GTAGACATCT ATGTAGGCAA TTA AAAACCT ATTGATGTAT AAAACAGTTT      180
55
56  GCATTCATGG AGGGCAACTA AATACATTCT AGGACTTTAT AAAAGATCAC TTTTATTATTA      240
57
58  TGCACAGGGT GGAACAAG ATG GAT TAT CAA GTG TCA AGT CCA ATC TAT GAC      291
59                      Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp
60                      5                      10
61
62  ATC AAT TAT TAT ACA TCG GAG CCC TGC CCA AAA ATC AAT GTG AAG CAA      339
63  Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Pro Lys Ile Asn Val Lys Gln
64                      15                      20                      25
65
66  ATC GCA GCC CGC CTC CTG CCT CCG CTC TAC TCA CTG GTG TTC ATC TTT      387
67  Ile Ala Ala Arg Leu Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe
68                      30                      35                      40
69
70  GGT TTT GTG GGC AAC ATG CTG GTC ATC CTC ATC CTG ATA AAC TGC CAA      435
71  Gly Phe Val Gly Asn Met Leu Val Ile Leu Ile Leu Ile Asn Cys Gln
72                      45                      50                      55
73
74  AGG CTG GAG AGC ATG ACT GAC ATC TAC CTG CTC AAC CTG GCC ATC TCT      483
75  Arg Leu Glu Ser Met Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser
76                      60                      65                      70                      75
77
78  GAC CTG TTT TTC CTT CTT ACT GTC CCC TTC TGG GCT CAC TAT GCT GCC      531
79  Asp Leu Phe Phe Leu Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala
80                      80                      85                      90
81
82  GCC CAG TGG GAC TTT GGA AAT ACA ATG TGT CAA CTC TTG ACA GGG CTC      579
83  Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Leu Leu Thr Gly Leu Tyr
84                      95                      100                      105
85
86  TAT TTT ATA GGC TTC TTC TCT GGA ATC TTC TTC ATC ATC CTC CTG ACA      627
87  Phe Ile Gly Phe Phe Ser Gly Ile Phe Phe Ile Ile Gln Leu Leu Thr
88                      110                      115                      120
89
90  ATC GAT AGG TAC CTG GCT ATC GTC CAT GCT GTG TTT GCT TTA AAA GCC      675
91  Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Phe Ala Leu Lys Ala
92                      125                      130                      135
93
94  AGG ACG GTC ACC TTT GGG GTG GTG ACA AGT GTG ATC ACT TGG GTG GTG      723
95  Arg Thr Val Thr Phe Gly Val Val Thr Ser Val Ile Thr Trp Val Val
96                      140                      145                      150                      155
97
98  GCT GTG TTT GCG TCT CTC CCA GGA ATC ATC TTT ACC AGA TCT CAA AAA      771
99  Ala Val Phe Ala Ser Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys

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RAW SEQUENCE LISTING PATENT APPLICATION US/08/466,343C

DATE: 01/07/97
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INPUT SET: S14836.raw

100		160		165		170	
101							
102	GAA GGT CTT CAT TAC ACC TGC AGC TCT CAT TTT CCA TAC AGT CAG TAT						819
103	Glu Gly Leu His Tyr Thr cys Ser Ser His Phe Pro Tyr Ser Gln Tyr						
104		175		180		185	
105							
106	CAA TTC TGG AAG AAT TTC CAG ACA TTA AAG ATA GTC ATC TTG GGG CTG						867
107	Gln Phe Trp Lys Asn Phe Gln Thr Leu Lys Ile Val Ile Leu Gly Leu						
108		190		195		200	
109							
110	GTC CTG CCG CTG CTT GTC ATG GTC ATC TGC TAC TCG GGA ATC CTA AAA						915
111	Val Leu Pro Leu Leu Val Met Val Ile Cys Tyr Ser Gly Ile Leu Lys						
112		205		210		215	
113							
114	ACT CTG CTT CGG TGT CGA AAT GAG AAG AAG AGG CAC AGG GCT GTG AGG						963
115	Thr Leu Leu Arg Cys Arg Asn Glu Lys Lys Arg His Arg Ala Val Arg						
116		220		225		230	235
117							
118	CTT ATC TTC ACC ATC ATG ATT GTT TAT TTT CTC TTC TGG GCT CCC TAC						1011
119	Leu Ile Phe Thr Ile Met Ile Val Tyr Phe Leu Phe Trp Ala Pro Tyr						
120		240		245		250	
121							
122	AAC ATT GTC CTT CTC CTG AAC ACC TTC CAG GAA TTC TTT GGC CTG AAT						1059
123	Asn Ile Val Leu Leu Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn						
124		255		260		265	
125							
126	AAT TGC AGT AGC TCT AAC AGG TTG GAC CAA GCT ATG CAG GTG ACA GAG						1107
127	Asn Cys Ser Ser Ser Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu						
128		270		275		280	
129							
130	ACT CTT GGG ATG ACG CAC TGC TGC ATC AAC CCC ATC ATC TAT GCC TTT						1155
131	Thr Leu Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe						
132		285		290		295	
133							
134	GTC GGG GAG AAG TTC AGA AAC TAC CTC TTA GTC TTC TTC CAA AAG CAC						1203
135	Val Gly Glu Lys Phe Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His						
136		300		305		310	315
137							
138	ATT GCC AAA CGC TTC TGC AAA TGC TGT TCT ATT TTC CAG CAA GAG GCT						1251
139	Ile Ala Lys Arg Phe Cys Lys Cys Cys Ser Ile Phe Gln Gln Glu Ala						
140		320		325		330	
141							
142	CCC GAG CGA GCA AGC TCA GTT TAC ACC CGA TCC ACT GGG GAG CAG GAA						1299
143	Pro Glu Arg Ala Ser Ser Val Tyr Thr Arg Ser Thr Gly Glu Gln Glu						
144		335		340		345	
145							
146	ATA TCT GTG GGC TTG TGACACGGAC TCAAGTGGGC TGGTGACCCA GTCAGAGTTG						1354
147	Ile Ser Val Gly Leu						
148		350					
149	TGCACATGGC TTAGTTTTC TACACAGCCT GGGCTGGGGG TGGGGTGGAA GAGGTCTTTT						1414
150							
151							
152	(2) INFORMATION FOR SEQ ID NO:2:						

RAW SEQUENCE LISTING PATENT APPLICATION US/98/466,343C

DATE: 01/07/97
TIME: 17:19:19

INPUT SET: S14836.raw

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153      (i) SEQUENCE CHARACTERISTICS:
154          (A) LENGTH: 352 AMINO ACIDS
155          (B) TYPE: AMINO ACID
156          (C) STRANDEDNESS:
157          (D) TOPOLOGY: LINEAR
158
159      (ii) MOLECULE TYPE: PROTEIN
160
161      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
162
163      Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr
164                      5                      10                      15
165
166      Thr Ser Glu Pro Cys Pro Lys Ile Asn Val Lys Gln Ile Ala Ala
167                      20                      25                      30
168
169      Arg Leu Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly Phe
170                      35                      40                      45
171
172      Val Gly Asn Met Leu Val Ile Leu Ile Leu Ile Asn Cys Gln Arg
173                      50                      55                      60
174
175      Leu Glu Ser Met Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser
176                      65                      70                      75
177
178      Asp Leu Phe Phe Leu Leu Thr Val Pro Phe Trp Ala His Tyr Ala
179                      80                      85                      90
180
181      Ala Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Leu Leu Thr Gly
182                      95                      100                     105
183
184      Leu Tyr Phe Ile Gly Phe Phe Ser Gly Ile Phe Phe Ile Ile Gln
185                      110                     115                     120
186
187      Leu Leu Thr Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Phe
188                      125                     130                     135
189
190      Ala Leu Lys Ala Arg Thr Val Thr Phe Gly Val Val Thr Ser Val
191                      140                     145                     150
192
193      Ile Thr Trp Val Val Ala Val Phe Ala Ser Leu Pro Gly Ile Ile
194                      155                     160                     165
195
196      Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr Thr cys Ser Ser
197                      170                     175                     180
198
199      His Phe Pro Tyr Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr
200                      185                     190                     195
201
202      Leu Lys Ile Val Ile Leu Gly Leu Val Leu Pro Leu Leu Val Met
203                      200                     205                     210
204
205      Val Ile Cys Tyr Ser Gly Ile Leu Lys Thr Leu Leu Arg Cys Arg

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RAW SEQUENCE LISTING
PATENT APPLICATION US/68/466,343CDATE: 01/07/97
TIME: 17:19:21

INPUT SET: S14836.raw

206		215		220		225
207						
208	Asn Glu Lys Lys	Arg His Arg Ala Val	Arg Leu Ile Phe Thr	Ile		
209		230		235		240
210						
211	Met Ile Val Tyr	Phe Leu Phe Trp Ala	Pro Tyr Asn Ile Val	Leu		
212		245		250		255
213						
214	Leu Leu Asn Thr	Phe Gln Glu Phe Phe	Gly Leu Asn Asn Cys	Ser		
215		260		265		270
216						
217	Ser Ser Asn Arg	Leu Asp Gln Ala Met	Gln Val Thr Glu Thr	Leu		
218		275		280		285
219						
220	Gly Met Thr His	Cys Cys Ile Asn Pro	Ile Ile Tyr Ala Phe	Val		
221		290		295		300
222						
223	Gly Glu Lys Phe	Arg Asn Tyr Leu Leu	Val Phe Phe Gln Lys	His		
224		305		310		315
225						
226	Ile Ala Lys Arg	Phe Cys Lys Cys Cys	Ser Ile Phe Gln Gln	Glu		
227		320		325		330
228						
229	Ala Pro Glu Arg	Ala Ser Ser Val Tyr	Thr Arg Ser Thr Gly	Glu		
230		335		340		345
231						
232	Gln Glu Ile Ser	Val Gly Leu				
233		350				
234						
235						

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 30 BASE PAIRS

(B) TYPE: NUCLEIC ACID

(C) STRANDEDNESS: SINGLE

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: Oligonucleotide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

CGGAATTCCT CCATGGATTA TCAAGTGTCA

30

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 29 BASE PAIRS

(B) TYPE: NUCLEIC ACID

(C) STRANDEDNESS: SINGLE

(D) TOPOLOGY: LINEAR

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/466,343A

DATE: 11/29/96

TIME: 07:40:11

INPUT SET: S14106.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

#15

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

1
2
3 (1) General Information:
4
5 (i) APPLICANT: LI, Yi
6
7 (ii) TITLE OF INVENTION: Human G-Protein Chemokine
8 Receptor HDGMR10
9
10 (iii) NUMBER OF SEQUENCES: 9
11
12 (iv) CORRESPONDENCE ADDRESS:
13
14 (A) ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
15 Cecchi, Stewart & Olstein
16 (B) STREET: 6 Becker Farm Road
17 (C) CITY: Roseland
18 (D) STATE: NJ
19 (E) COUNTRY: USA
20 (F) ZIP: 07068-1739
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: 08/466,343
30 (B) FILING DATE: 6 JUN 1996
31 (C) CLASSIFICATION:
32
33 (viii) ATTORNEY/AGENT INFORMATION:
34 (A) NAME: MULLINS, J.G.
35 (B) REGISTRATION NUMBER: 33,073
36 (C) REFERENCE/DOCKET NUMBER: 325800-449
37
38 (ix) TELECOMMUNICATION INFORMATION:
39 (A) TELEPHONE: 201-994-1700
40 (B) TELEFAX: 201-994-1744
41

ERRORED SEQUENCES FOLLOW:

RAW SEQUENCE LISTING PATENT APPLICATION US/08/466,343A

DATE: 11/29/96

TIME: 07:40:16

INPUT SET: S14106.raw

--> 133 (2) INFORMATION FOR SEQ ID NO:2:
 134 (i) SEQUENCE CHARACTERISTICS:
 135 (A) LENGTH: 352 AMINO ACIDS (insert numeral) 352 amino acids shown
 136 (B) TYPE: AMINO ACID
 137 (C) STRANDEDNESS:
 138 (D) TOPOLOGY: LINEAR
 139
 140 (ii) MOLECULE TYPE: PROTEIN
 141
 142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
 143
 144 Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr
 145 5 10 15
 146
 147 Thr Ser Glu Pro Cys Pro Lys Ile Asn Val Lys Gln Ile Ala Ala
 148 20 25 30
 149
 150 Arg Leu Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly Phe
 151 35 40 45
 152
 153 Val Gly Asn Met Leu Val Ile Leu Ile Leu Ile Asn Cys Gln Arg
 154 50 55 60
 155
 156 Leu Glu Ser Met Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser
 157 65 70 75
 158
 159 Asp Leu Phe Phe Leu Leu Thr Val Pro Phe Trp Ala His Tyr Ala
 160 80 85 90
 161
 162 Ala Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Leu Leu Thr Gly
 163 95 100 105
 164
 165 Leu Tyr Phe Ile Gly Phe Phe Ser Gly Ile Phe Phe Ile Ile Gln
 166 110 115 120
 167
 168 Leu Leu Thr Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Phe
 169 125 130 135
 170
 171 Ala Leu Lys Ala Arg Thr Val Thr Phe Gly Val Val Thr Ser Val
 172 140 145 150
 173
 174 Ile Thr Trp Val Val Ala Val Phe Ala Ser Leu Pro Gly Ile Ile
 175 155 160 165
 176
 177 Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr Thr cys Ser Ser
 178 170 175 180
 179
 180 His Phe Pro Tyr Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr
 181 185 190 195
 182
 183 Leu Lys Ile Val Ile Leu Gly Leu Val Leu Pro Leu Leu Val Met
 184 200 205 210
 185

INPUT SET: S14106.raw

[illegible]

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/466,343A

DATE: 11/29/96

TIME: 07:40:26

INPUT SET: S14106.raw

Line	Error	Original Text
135	Length must be an Integer	(A) LENGTH: AMINO ACIDS
135	Entered (0) and Calc. Seq. Length (352) differ	(A) LENGTH: AMINO ACIDS